



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
PTO/SB/08A (10-96)

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Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)				Complete if Known	
Application Number					
Filing Date					
First Named Inventor		William E. Adams et al.			
Group Art Unit		3636			
Examiner Name		Peter R. Brown			
Attorney Docket Number		030535			

U. S. PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)			
		241,533		E. C. Flint	May 17, 1881	
		274,730		W. J. Decker	March 27, 1883	
		332,342		A. Horn et al.	December 15, 1885	
		577,106		W. E. Kidder	February 16, 1897	
		688,468		H. L. C. F. Ihde	December 10, 1901	
		882,010		W. H. Maxwell	March 17, 1908	
		2,873,793		J. M. Garcia	February 17, 1959	
		6,099,073		M. Bruschi	August 8, 2000	
		326,564		Hopkins	September, 1885	
		1,716,526		Mason	June, 1929	
		1,876,549		Bales	September, 1932	
		1,975,622		Schermerhorn	October, 1934	
		2,781,080		Pavlicek	February, 1957	
		3,574,400		Day	April, 1971	
		3,989,212		Jenninga	November, 1976	
		5,681,078		Chen	October, 1997	

FOREIGN PATENT DOCUMENTS								
Examiner Initials*	Cite No. ¹	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Office ³	Number ⁴	Kind Code ⁵ (if known)				
		FR	579,800		M. Delprat	October 23, 1924		

Examiner Signature [Signature]	Date Considered 2/19/04
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document by the two-letter code (WPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

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